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U. S. DEPARTMENT OF AGRICULTURE,

BUREAU OF ANIMAL INDUSTRY.

A. D. MELVIN, Chief of Bureau.

SERVICE AND REGULATORY ANNOUNCEMENTS.

DECEMBER, 1914.

[This publication is issued monthly for the dissemination of information, instructions, rulings, etc., concerning the work of the Bureau of Animal Industry. Free distribution is limited to persons in the service of the bureau, establishments at which the Federal meat inspection is conducted, public officers whose duties make it desirable for them to have such information, and journals especially concerned. Others desiring copies may obtain them from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents each, or 50 cents a year. A supply will be sent to each official in charge of a station or branch of the bureau service, who should promptly distribute copies to members of his force. A file should be kept at each station for reference.]

CHANGES IN DIRECTORY.

Meat Inspection Inaugurated.

*815. The London Produce Co., London, Ohio.
20–Y. Sulzberger & Sons Company, Albert Lea, Minn.
*970. Moultrie Packing Co., Moultrie, Ga.
*974. Houlton Dressed Meat Co., Houlton, Me.
*976. Moe Frank, 604 West Fortieth Street, New York, N. Y.
973. Hygrade Provision Co. (Inc.), 131–133 South Eighth Street, Brooklyn N. Y.
978. The E. H. Maffey Packing Co., 2866 Massachusetts Avenue, Cincinnati, Ohio.
968. B. S. Pearsall Butter Co., 55 North State Street, Elgin, Ill.

Meat Inspection Discontinued.

300. North American Provision Co., Union Stock Yards, Chicago, Ill.
*576. Richard Webber, 774 Babcock Street, Buffalo, N. Y.
*506. Jenkins Provision Co., Baltimore, Md.
882. Chinese American Food Co., New York, N. Y.
825. Steck & Steck, 406 East Fifty-third Street, New York, N. Y.
936. Ashland Provision Co., 301 West Front Street, Ashland, Ky.
564. Hammond Co., 218 North Delaware Avenue, Philadelphia, Pa.
478. D. Brandt, 148 Bergenstine Avenue, Union Hill, N. J.

New Stations.

Albert Lea, Minn., Dr. John D. Stillwell, care Albert Lea Packing Co.
Moultrie, Ga. (substation of Augusta, Ga.).
London, Ohio (substation of Columbus, Ohio).
Houlton, Me. (substation of Calais, Me.).
Elgin, Ill. (substation of Chicago, Ill.).

*Conducts slaughtering.

76224°—15——1

Station Discontinued.

Union Hill, N. J. (substation of New York, N. Y.).

Changes of Officials in Charge.

Eau Claire, Wis., Dr. William Fotheringham instead of Dr. L. E. Olson.

Jacksonville, Ill., Dr. A. A. Crosland instead of Dr. J. B. Clancy. (Temporary, to continue during the assignment of Doctor Clancy to work of eradicating foot-and-mouth disease.)

Market Inspection Granted.

Augusta, Ga. No. 46.

Note.

Meat inspection has been extended as follows: At establishment 3–I to include The G. H. Hammond Co.; at establishment 20–Y to include Albert Lea Packing Co. (Inc.), and at establishment 2–A to include the North American Provision Co.

NOTICES REGARDING MEAT INSPECTION.

ARRANGEMENTS FOR SPECIAL LABELS.

Permission has been granted to the Standard Label Co., Washington, D. C., to supply labels for marking meat and meat-food products at official establishments where the management desires to use such labels in lieu of bureau and house brands. All orders for these labels shall be made by the official establishments directly on the manufacturer, who will forward samples to the bureau for approval, and if they are in accordance with the requirements of the bureau copies thereof will be transmitted to the inspector in charge. Labels will be shipped by the manufacturer directly to the inspector in charge, who shall retain them in his possession and supply them to the establishment as needed. Settlement for the labels will be made by official establishments directly with the manufacturer. Whenever these labels are received for use at an official establishment, samples should be forwarded to the bureau by the inspector in charge, and he should report from time to time as to their efficiency.

SUPPOSED TUBERCULOSIS AND ACTINOMYCOSIS IN SHEEP.

Lesions of all sheep carcasses considered to be affected with tuberculosis or actinomycosis should be forwarded to the Pathological Division of this bureau, Washington, D. C., for further examination.

MEAT TRIMMINGS.

Referring to regulation 27, section 3, paragraph 4, of B. A. I. Order 211, meat trimmings in pieces which do not approximate 4 pounds in weight shall be considered as being too small to permit of adequate inspection. This applies only to trimmings and not to organs and parts of carcasses, such as kidneys, hearts, feet, tails, etc., which, in their entirety, weigh less than 4 pounds.

ESTABLISHMENT NUMBERS EMBOSSED ON TIN CONTAINERS.

Referring to paragraph 4, section 2, regulation 17, B. A. I. Order 211, providing that all sealed tin containers of inspected and passed meat and product filled in official establishments shall have embossed thereon the number of that establishment, it will be required that the number be immediately preceded by the abbreviation "Estab."

It has been observed that in some instances the establishment number has been applied with hammer and die instead of being embossed. This method is unsatis-

factory, inasmuch as the legibility of the mark depends largely on the position in which the die is held at the time the blow is struck. It will therefore be necessary that the statement be properly embossed in the true sense of the term in order to insure uniformity. When properly applied, the statement will appear in raised lettering when viewed from the outside of the container.

ANIMALS SLAUGHTERED UNDER FEDERAL MEAT INSPECTION, NOVEMBER, 1914.

City.	Cattle.	Calves.	Sheep.	Goats.	Swine.
Chicago	110,994	8,659	258,632	1,775	446,162
Kansas City	119,874	11,405	102,054	8,638	292,526
National Stock Yards	61,255	9,191	26,749	8,314	138,821
South Omaha	43,477	1,270	159,129	661	108,070
South St. Joseph	24,290	2,363	37,537	886	146,474
All other establishments	298,299	74,408	527,739	4,741	1,915,074
Total, November, 1914	658,189	107,296	1,111,840	25,015	3,047,127
Total, November, 1913	601,937	123,004	1,257,546	12,137	3,165,206
Total, January-November, 1914	6,074,567	1,557,758	13,061,131	158,637	28,261,220
Total, January-November, 1913	6,387,805	1,779,920	13,121,874	67,777	30,290,074

IMPORTS OF FOOD ANIMALS AND OF MEATS AND MEAT FOOD PRODUCTS.

The following statements show the imports of food animals and of meats and meat food products inspected by the Bureau of Animal Industry during November, 1914, together with totals for the calendar year to date:

Imports of food animals.

Country of export.	Cattle.	Swine.	Sheep.	Goats.
	Number.	*Number.*	*Number.*	*Number.*
Mexico	44,193	169	.....	2,498
Canada	23,840	23,667	12,765	2
Total, November, 1914	68,033	23,836	12,765	2,500
Total, January-November, 1914	701,078	174,278	160,787	169,901

Imports of meats and meat food products.

Country of export.	Fresh and refrigerated meats.		Canned and cured meats.	Other products.	Total.
	Beef.	Other.			
	Pounds.	*Pounds.*	*Pounds.*	*Pounds.*	*Pounds.*
Argentina	13,937,975	712,146	.....	49,494	14,699,615
Australia	.....	28,521	115,862	2	144,385
Canada	3,263,160	1,369,599	1,476,921	359,658	6,469,338
Uruguay	789,646	.....	119,049	.....	908,695
Other countries	.....	53	64,736	51,356	116,145
Total, November, 1914	17,990,781	2,110,319	1,776,568	460,510	22,338,178
Total, November, 1913	10,476,682	237,338	897,143	209,726	11,820,889
Total, January-November, 1914	231,017,291	34,304,022	28,963,194	6,006,880	300,290,387

Rejected in November, 1914: Beef, 22,227 pounds; mutton, 748 pounds; pork, 5,020 pounds; total, 27,995 pounds.

LIST OF FOREIGN NATIONAL GOVERNMENT OFFICIALS AUTHORIZED TO SIGN AND ISSUE OFFICIAL MEAT-INSPECTION CERTIFICATES FOR MEAT AND PRODUCTS OFFERED FOR IMPORTATION INTO THE UNITED STATES.

On and after January 1, 1915, only such official meat-inspection certificates as are signed by an official whose name and facsimile signature is published herein, or in future Service and Regulatory Announcements, will be acceptable for meat and meat food products offered for importation into the United States.

Country, name, and address.	Signature.
Argentina.	
Alfred A. Carman, Buenos Aires	Alfred A. Carman
E. del Castillo, London, England	E. del Castillo.
D. Amian Lan, Brussels, Belgium	D. Amian Lan
Casiano B. Pereyra, Buenos Aires	Casiano B. Pereyra
José Leon Suarez, Buenos Aires	José Leon Suarez
Australia.	
N. S. V. Brown, Brisbane	N. S. V. Brown.
C. Cummins Cherry, London, England	C. Cummins Cherry
W. Perrin Norris, London, England	W. Perrin Norris
Austria.	
Johann Gretz, Tulin	Johann Gretz

Country, name, and address.	Signature.
Austria—Continued.	
Theodor Hammerschmid, Vienna	Theodor Hammerschmid
Leonhard Krallert, Gross-Mugl	Leonhard Krallert
Moriz Lederer, Vienna	Lederer
Theodor Schiff, Vienna	Schiff
Franz Sterk, Vienna	Sterk
Viktor Volker, Klosterneuburg	Viktor Volker
Canada.	
C. D. Bancroft, Montreal	C. D. Bancroft
Robert Barnes, Ottawa	Robt Barnes
A. A. Bélanger, Toronto	A A Bélanger
J. E. Bennett, Toronto	J E Bennett

Country, name, and address.	Signature.
Canada—Continued.	
R. D. Boast, Montreal	R. D. Boast
D. R. Bone, Toronto	D. R. Bone.
C. J. Bousfield, Toronto	C. J. Bousfield
G. C. Brownridge, Toronto	G. C. Brownridge
E. A. Bruce, Vancouver	E. A. Bruce
O. Brunet, Montreal	O. Brunet
J. F. Campeau, Montreal	J. F. Campeau
R. H. Cook, Toronto	R. H. Cook
J. N. L. Couture, Montreal	J. N. L. Couture
F. A. Daigneault, Montreal	F. A. Daigneault
L. J. Demers, Montreal	L. J. Demers.

Country, name, and address.	Signature.
Canada—Continued.	
C. C. Derome, Montreal	C C Derome
K. L. Douglas, Montreal	K L Douglas
E. Dufresne, Montreal	E Dufresne
E. R. Farewell, Toronto	E R Farwell
F. Fisher, Toronto	F. Fisher
J. W. Fisher, Montreal	J. W. Fisher
E. C. Gauvin, Toronto	E. C. Gauvin
J. H. George, Toronto	J. H. George
W. A. Henderson, Peterborough	W. A. Henderson
D. A. Irvine, Toronto	D A Irvine
W. H. James, Montreal	W H James
M. J. Kellam, Ottawa	M. J. Kellam

Country, name, and address.	Signature.
Canada—Continued.	
J. Langevin, Hull	J. Langevin.
William Lawson, Toronto	Wm Lawson,
E. G. Lemieux, Montreal	E. G. Lemieux
H. C. Leslie, Edmonton	H. C. Leslie
F. H. S. Lowrey, Toronto	F. H. S. Lowrey
N. E. McEwen, Montreal	N. E. McEwen
C. W. McIntosh, Montreal	C. W. McIntosh.
F. A. McNally, Toronto	F. A. McNally
T. W. R. Macfarlane, Toronto	T. W. R. Macfarlane
J. E. Morse, Toronto	J. E. Morse

Country, name, and address.	Signature.
Canada—Continued.	
William Moynihan, Hull	W. Moynihan
A. G. Murray, Toronto	A. G. Murray
H. D. Nelson, Toronto	H. D. Nelson
W. J. Pedden, Toronto	W. J. Pedden
W. H. Pethick, Charlottetown	W. H. Pethick
N. W. Reid, Montreal	N. W. Reid
T. H. Richards, Charlottetown	T. H. Richards
H. H. Ross, Ottawa	H. H. Ross
J. W. Symes, Montreal	J. W. Symes
A. C. Tanner, Ottawa	A. C. Tanner
William Tennant, Peterborough	Wm Tennant
D. C. Tennent, Toronto	D. C. Tennent

Country, name, and address.	Signature.
Canada—Continued.	
A. R. Torrie, Toronto	A. R. Torrie
A. C. Walker, Toronto	A C Walker
F. A. Walsh, Toronto	F A Walsh.
C. H. Weaver, Montreal	C. H. Weaver
J. B. White, Smith Falls	J B White.
L. A. Willson, Toronto	L. A. Willson
F. L. Wingate, Toronto	F. L. Wingate.
Alan W. Younghusband, Hull	Alan W. Younghusband
England.	
F. W. Alexander, Poplar, London	Fred. Wm Alexander
F. J. Allan, Westminster, London	F J Allan
Martin Ashley, Circencester	Martin Ashley

Country, name, and address.	Signature.
England—Continued.	
Frank Ayliffe, London	F. Ayliffe
R. King Brown, Bermondsey, London.	R. King Brown.
J. Spottiswoode Cameron, Leeds	J. Spottiswoode Cameron
W. Allen Daley, Bootle	W. Allen Daley
Charles Dix, Bruton	Charles Dix
W. Hanna, Liverpool	W. Hanna
Dr. A. E. Harris, Islington, London.	A. E. Harris.
E. W. Hope, Liverpool	E. W. Hope
William J. Howarth, London	William J. Howarth.
John Fletcher Little, Harrow	John Fletcher Little

Country, name, and address.	Signature.
England—Continued.	
James McDonald, Carlisle	James McDonald
R. Sydney Marsden, Birkenhead	R. Sydney Marsden
C. Killick Millard, Leicester	C. Killick Millard
George Millson, Southwark, London.	G. D. Millson
A. D. Minor, Manchester	A. D. Minor
A. A. Mussen, Liverpool	A. A. Mussen
A. L. Ormerod, Oxford	A. L. Ormerod.
Charles Porter, St. Marylebone, London.	Charles Porter
Joseph Priestly, Lambeth, London	J. Priestly
A. E. Thomas, Finsbury, London	A. E. Thomas
D. L. Thomas, Stepney, London	D. L. Thomas
A. S. Underhill, Tipton	A. S. Underhill
Ireland.	
Robert Currie, Ballymena	Robert Currie

Country, name, and address.	Signature.
Ireland—Continued.	
John Howatt, Londonderry.....	John Howatt
Robert J. Martyn, Sligo.....	Robert J. Martyn
Scotland.	
J. A. Baxter, Dundee.....	J. A. Baxter
G. G. Buchanan, Haddington.....	G. G. Buchanan
John Guy, Edinburgh.....	John Guy
Matthew Hay, Aberdeen.....	Matthew Hay
William Robertson, Leith.....	W. Robertson
William S. C. Robertson, Edinburgh	W. S. C. Robertson
A. Maxwell Williamson, Edinburgh.	A. Maxwell Williamson
France.	
F. Abadie, Nantes.....	F. Abadie
Francois Antoine Albeltier, Rheims.	[illegible]

Country, name, and address.	Signature.
France—Continued.	
Rene Ancelin, Saint Brieuc	R Ancelin
A. Boudead, Bordeaux	Boudeau
Raoul Boyer, Marseille	R. Boyer
Joseph Burgat, Marseille	J. Burgat
Gilbert Campagne, Figeac	Campagne
L. Charbonnier, Nancy	L Charbonnier
Leon Dumestre, Marseille	L Dumestre
J. Galamez, Calais	J. Galamez
Felix Jourdan, Grenoble	Jourdan
A. Le Bolloch, Saint-Quay Portreaux and Binc	A. Le Bolloch

Country, name, and address.	Signature.
France—Continued.	
M. Leducq, Bologne	M. Leducq.
Jules Mangenot, Marseille	Mangenot
M. Peyronny, Bordeaux	Dr Peyronny
Joseph Richard, Marseille	J. Richard
O. Séverac, Bordeaux	O. Séverac
Germany.	
Friedrich Baumhöfener, Halle	Friedrich Baumhöfener
Hans Dimpfl, Nuremberg	Dr H. Dimpfl
George Ferfler, Gerabronn	[illegible]
Wilhelm Fietz, Gera	Wilhelm Fietz

Country, name, and address.	Signature.
Germany—Continued.	
Karl Hellmuth, Nuremberg	Dr. Hellmuth
Hermann Koopmann, Hanover	Koopmann
Fr. A. B. Peter, Hamburg	Professor Dr. Peter
Wilhelm Stödter, Hamburg	W. Stödter
Friedrich Voltz, Nuremberg	Voltz
Honduras.	
Salvador Moncada, Tegucigalpa	S. Moncada
Italy.	
Silvio Barbieri, Pisa	S. Barbieri
Astolfo Benni, Leghorn	Dr. Roy Benni

Country, name, and address.	Signature.
Italy—Continued.	
Enrico Bertolini, Venice	
Ernesto Binotti, Novara	
Domenico Blasi, Genoa	
Agostino Boggero, Genoa	
Stefano Brusaferro, Turin	
Giorgio Cassone, Venice	
Nicola Castellano, Novara	
Giulio Cieri, Leghorn	
Alberto Corradi, Turin	
Girolamo Ferrara, Palermo	

Country, name, and address.	Signature.
Italy—Continued.	
Filippo Finazzi, Palermo	Dr Filippo Finazzi
Angelo Fiorentini, Milan	D Angelo Fiorentini
Giulio Gagliardi, Milan	D Giulio Gagliardi
Giovanni Gambarotta, Turin	D Gnni Gambarotta
Ottavio Ghisi, Milan	Dott Ottavio Ghisi
Giovanni Giugiara, Cuneo	Dr. Giovanni Giugiara
Agostino Longo, Turin	Dott A Longo
Antonio di Lorenzo, Palermo	Dr. Antonino Di Lorenzo
Ettore Mascheroni, Turin	Dr Ettore Mascheroni
Michelangelo Mayer, Fossacesia	Dott Michelangelo Mayer
Antonio Montemerlo, Alessandria	Dott. A Montemerlo
Giuseppe Musso, Cuneo	Musso Dott. Giuseppe
Enrico Niccolini, Pisa	D Niccolini

Country, name, and address.	Signature.
Italy—Continued.	
Luigi Oriani, Milan	Luig. Oriani
P. Pesce, Milan	P. Pesce
Rinaldo Poggio, Alessandria	R. Rinaldo Poggio
Antonio Poli, Turin	Antonio D. Poli
Giuseppe Pollovio, Turin	Dott. G. Pollovio
Carlo Pomella, Turin	Dott. Raffaele Pomella
Giovanni Ricci, Pisa	G. Ricci
Rosario Riggio, Palermo	Dott. Rosario Riggio
Giacomo Rosasco, Genoa	G. Rosasco
Raffaele Pietro Rossi, Turin	Raffaele Pietro Rossi
Giuseppe Rosso, Turin	Dr. Rosso Giuseppe

Country, name, and address.	Signature.
Italy—Continued.	
Ezio Simonti, Leghorn	E. Simonti
G. Spreafica, Milan	G. Spreafica
Giovanni Vassotti, Cuneo	G. Vassotti Dott. Veterinario
New Zealand.	
A. W. Barnes, Hastings	A. W. Barnes
T. A. Blake, Tokomara Bay	T. A. Blake
W. D. Blair, Dunedin	W. D. Blair.
George Broom, Gisborne	Geo. Broom
S. Burton, Wellington	Sam Burton
J. G. Clayton, Wellington	J. G. Clayton
W. T. Collins, Hamilton	W. T. Collins.
T. Cunningham, Oamaru	T. Cunningham.
P. M. Edgar, Wanganui	M. Edgar
E. Elphick, Christchurch	E. Elphick
A. J. Hickman, Onehunga	A. J. Hickman

Country, name, and address.	Signature.
New Zealand—Continued.	
E. C. Howard, Wellington	E. C. Howard
J. Kerrigan, Christchurch	J Kerrigan.
J. Lyons, Auckland	J. Lyons.
R. H. Meade, Waitara	R. H. Meade
A. M. Paterson, Timaru	A. M. Paterson
J. H. Primmer, Palmerston	J H Primmer
C. J. Reakes, Wellington	C J Reakes
H. A. Reid, Wallaceville	H. A. Reid.
D. Spilman, Petone	D. Spilman
William D. Snowball, Dunedin	Wm D Snowball
James Stafford, Christchurch	J. Stafford.
W. G. Taylor, Ashburton	W. G. Taylor
G. N. Waugh, Invercargill	G N Waugh

Country, name, and address.	Signature.
New Zealand—Continued.	
Richard B. Wood, Auckland	Richd. B. Wood
A. R. Young, Wellington	A.R. Young.
Norway.	
Th. Saethre, Trondhjem	Th. Sæthre
Russia.	
K. Kalin, Usman	K. Kalin
V. Yanushevitch, Tambov	V. Yanushevitch
Spain.	
Emilio Aramburo Ibañez, Alicante	Emilio Aramburo
Francisco Nuñez, Orense	F. Nuñez
José Orensanz, Valencia	José Orensanz

Country, name, and address.	Signature.
Spain—Continued.	
Francisco Sugrañez, Barcelona	
Miguel A. Vilarrasa, Vich	
Sweden.	
K. Björner, Malmö	
Ivar Dunér, Karlskrona	
Georg Engbom, Gothenburg	
Gustaf Kolmodin, Gothenburg	
B. Låftman, Malmö	
Oscar Lindgren, Gothenburg	
Christian Wadstein, Gothenburg	

Country, name, and address.	Signature.
Sweden—Continued.	
E. Osberg, Malmö	
Turkey.	
Rifaat Ahmed Bey, Galata	F. Rifaat,
Uruguay.	
Ernesto A. Bauza, Montevideo	Ernesto A. Bauza
Marco Dutto, Mercedes	Marco Dutto
T. Labarde, Paysandu	Alberto Labarde
Hector Larrauri, Montevideo	H. Larrauri
Primo Rossi, Frey Bentos	Primo Rossi
Cayetano de Sanctis, Colonia	Cayetano de Sanctis
G. Ochoa Satrustegui, Santa Rosa del Cuareim	G. Ochoa Satrustegui
Fernando Tedesco, Salto	Fernando Tedesco

Country, name, and address.	Signature.
Uruguay—Continued.	
Pedro Oneto y Viana, Montevideo	Pedro Oneto y Viana
Teodoro Visaires, Montevideo	T. Visaires
R. Munoz Ximenes, Montevideo	R. Munoz Ximenes

INSPECTION AND TESTING OF ANIMALS FOR CANADA.

The following changes have been made in the list of practicing veterinarians registered by the bureau and authorized to inspect and test with mallein horses, mules, and asses intended for export to Canada:

NAME ADDED TO LIST.

Dr. Charles E. Scott, Jacksonville, Ill.

NAME REMOVED FROM LIST.

Dr. H. Anderson, Dickinson, N. Dak.

SUBSTANCE PERMITTED FOR OFFICIAL DIPPING.

The use of the following-named substance is permitted by the Department in the official dipping of cattle and sheep for scabies:

"*Dow Lime Sulphur Solution*," a lime-and-sulphur dip, manufactured by the Dow Chemical Co., Midland, Mich. Dilution permitted: For cattle, 1 gallon to not more than 14¾ gallons of water; for sheep, 1 gallon to not more than 20 gallons of water.

LICENSES FOR MANUFACTURE OF VETERINARY BIOLOGICAL PRODUCTS.

The following licenses for the manufacture of biological products during the remainder of the calendar year 1914 were issued under the act of Congress of March 4, 1913 (37 Stat., 832), and the regulations made thereunder (B. A. I. Order 196):

License No.	Name and address.	Products.
12	Royal Serum Co., Osage and Adams Streets, Kansas City, Kans.[1]	Anti-hog-cholera serum; hog-cholera virus.
[2] 98	Grand Rapids Serum Co., Grand Rapids, Mich. (Plant at Barendsenville, Kent County, Mich.).	Do.

[1] Change in location. License as originally issued for plant at 286 Central Avenue, Kansas City, Kans., was canceled and license reissued for establishment at above address.
[2] Supplementary to previous license.

LICENSE REVOKED.

The following license previously issued was revoked under date of November 27, 1914:

License No.	Name and address.	Products.
76	The Grant City Serum Co., Grant City, Mo	Anti-hog-cholera serum; hog-cholera virus.

CONVICTIONS FOR VIOLATIONS OF LAWS.

MEAT-INSPECTION LAW.

In cases against the following-named persons, charged with violating the meat-inspection act in shipping uninspected meats in interstate trade, the defendants pleaded guilty and were fined the amounts shown:

John Chmielowies, Glenville, Conn	$25
Max Voaak, Glenville, Conn	10
Lawrence Lawrence, Glenville, Conn	25

In cases against the following-named persons, charged with violating the meat-inspection act in shipping unwholesome meats in interstate trade, the defendants pleaded guilty and were fined the amounts shown:

Frank J. Murray, Chester, N. Y	$25
William Snyder, Morrison, Wis	5
William Luke, Wheatland, Wis	5

TWENTY-EIGHT-HOUR LAW.

The following results of prosecutions for violations of the 28-hour law were reported to the bureau during the month of December, 1914:

Number of cases.	Defendant.	Fine.[1]
1	Wabash R. R. (receiver of)	$119.10
1	Pennsylvania R. R. Co	118.71
20	Philadelphia, Baltimore & Washington R. R. Co	2,544.72
6	Lake Shore & Michigan Southern Ry. Co	575.56
1	Missouri Pacific Ry. Co	120.66
12	Oregon Short Line R. R. Co	1,936.30
14	Cincinnati, Hamilton & Dayton Ry. Co	1,400.00
2	Union Pacific R. R. Co	278.03
1	Nashville, Chattanooga & St. Louis Ry	100.00
1	Louisville & Nashville R. R. Co	100.00
1	Chesapeake & Ohio Ry. Co	42.75
1	Central Vermont Ry. Co	100.00
	Total (61 cases)	7,435.83

[1] And costs.

QUARANTINE LAWS.

The following results of prosecutions for violations of the live-stock quarantine law were reported to the bureau during the month of December, 1914. The violation in each case consisted in the interstate shipment of cattle infested with Texas-fever ticks:

Number of cases.	Defendant.	Fine.[1]
1	Southern Ry. Co.	$250.00
1	Kansas City Southern Ry. Co.	100.00
1	Atchison, Topeka & Santa Fe Ry. Co.	100.00
1	John & A. D. Clement	200.00
1	W. W. Langley	100.00
1	Arch Bass	100.00
1	Nashville, Chattanooga & St. Louis Ry.	100.00
	Total (8 cases)	965.00

[1] And costs.

SERUM LAW.

The Northwestern Hog Cholera Serum Manufacturing Co. was fined $15 for violating the law governing the manufacture, etc., of viruses, serums, etc., for the treatment of domestic animals (37 Stat., 832), the offense consisting in the interstate shipment of anti-hog-cholera serum without a license.

METHOD OF COMPUTING SALARIES.

Recent decisions of the Comptroller of the Treasury require that hereafter salaries for the months of February and for months containing 31 days be computed as follows:

February.

An employee who works on the 28th day of February, or is on annual or sick leave in a pay status on that date, shall be paid three-thirtieths of his monthly installment therefor. Conversely, an employee who is absent from duty in a nonpay status on February 28 shall have three-thirtieths of his monthly installment deducted therefor.

Examples: An employee entering the service and working on February 28 is entitled to three-thirtieths of his monthly installment of salary; entering the service on February 10 and working full time to and including the 28th, he is entitled to twenty-one thirtieths of his monthly installment; working from February 1 to 27, inclusive, and absent without pay on the 28th, he is entitled only to twenty-seven thirtieths of his installment; working every day in the month, excepting, say, February 1 and 8, he is entitled to twenty-eight thirtieths of his monthly installment.

Thirty-one-day months.

An employee entering the service during a 31-day month and serving every working day until the end thereof, including the 31st, shall be paid from the date of entry to the 30th, inclusive.

If an employee is absent from duty in a nonpay status on the 31st day of any 31-day month, one-thirtieth of his month by installment of salary must be deducted, but if he is absent on one or more days prior to the 31st and on the 31st also; the 31st is to be disregarded in computing the amount of salary due him.

Examples: An employee at $900 per annum, working from January 1 to 30, inclusive, and absent from duty in a nonpay status on the 31st, can be paid only twenty-nine thirtieths of his monthly installment of salary, or $72.50; but should he be absent in a nonpay status on January 5 and 31, the 31st is to be disregarded, and pay for one

day only (January 5) deducted from his monthly installment, which would leave $72.50 to be paid him.

An employee at $900 per annum entering the service January 16, who is absent from duty on January 31 can be paid only fourteen-thirtieths of his monthly installment ($35) for the 15 days' service rendered. Should he be absent from duty January 28 and 31 he can be paid the same amount ($35) for the 14 days' service rendered.

DANGEROUS SUBSTANCES MUST NOT BE MAILED.

It is reported by the Post Office Department that recently a package containing carbolic acid, sent by this bureau, was found broken in the mails. The attention of bureau employees is called to section 472 of the Postal Laws and Regulations, which reads as follows:

All kinds of poison, and all articles and compositions containing poison, and all poisonous animals, insects, and reptiles, and explosives of all kinds, and inflammable materials, and infernal machines, and mechanical, chemical, or other devices or compositions which may ignite or explode, and all disease germs or scabs, and all other natural or artificial articles, compositions, or materials of whatever kind which may kill, or in any wise hurt, harm, or injure another, or damage, deface, or otherwise injure the mails or other property, whether sealed as first-class matter or not, are hereby declared to be nonmailable matter, and shall not be conveyed in the mails or delivered from any post office or station thereof, nor by any letter carrier; but the Postmaster General may permit the transmission in the mails under such rules and regulations as he shall prescribe as to preparation and packing of any articles hereinbefore described which are not outwardly or of their own force dangerous or injurious to life, health, or property: *Provided*, That all spirituous, vinous, malted, fermented, or other intoxicating liquors of any kind are hereby declared to be nonmailable and shall not be deposited in or carried through the mails. Whoever shall knowingly deposit or cause to be deposited for mailing or delivery, or shall knowingly cause to be delivered by mail according to the direction thereon, or at any place at which it is directed to be delivered by the person to whom it is addressed, anything declared by this section to be nonmailable, unless in accordance with the rules and regulations hereby authorized to be prescribed by the Postmaster General, shall be fined not more than one thousand dollars, or imprisoned not more than two years, or both; and whoever shall knowingly deposit or cause to be deposited for mailing or delivery, or shall knowingly cause to be delivered by mail according to the direction thereon, or at any place to which it is directed to be delivered by the person to whom it is addressed, anything declared by this section to be nonmailable, whether transmitted in accordance with the rules and regulations authorized to be prescribed by the Postmaster General or not, with the design, intent, or purpose to kill, or in any wise hurt, harm, or injure another, or damage, deface, or otherwise injure the mails or other property, shall be fined not more than five thousand dollars, or imprisoned not more than ten years, or both.

2. Spirituous, vinous, malted, fermented, or other intoxicating liquors of any kind, poisons of every kind, and articles and compositions containing poison (except as prescribed in the fourth paragraph hereof) and poisonous animals, insects, and reptiles, and explosives of every kind, and inflammable materials (including matches, gasoline, naphtha, benzine, denatured alcohol, and all liquids having a flash point at or below 80° F.), and infernal machines, and mechanical, chemical, or other devices or compositions which may ignite or explode, and disease germs or scabs (except as prescribed in sec. 473), and other natural or artificial articles, compositions, or materials of whatever kind which may kill, or in any wise hurt, harm, or injure another, or damage, deface, or otherwise injure the mail or other property, live animals, raw hides or pelts, guano, or any article exhaling bad odor, whether sealed as first-class matter or not, shall not be admitted to the mails.

3. Liquids not spirituous, vinous, malted, fermented, or otherwise intoxicating (including samples of altar or communion wine used in church services), and not liable to explosion or spontaneous combustion or ignition by shock or jar, and not inflammable, fruits or vegetable matter liable to decomposition, comb honey, soft soap, pastes or confections, ointments, salves, and articles of similar consistency, shall be admitted to the mails for transmission in the domestic mails when inclosed in packages in conformity with the conditions prescribed in sections 474 and 475.

4. Medicines and anesthetic agents which are not outwardly or of their own force dangerous or injurious to life, health, or property, and not in themselves unmailable

(see secs. 454 and 480), may be admitted to the mails for transmission in the domestic mails when inclosed in packages in conformity with the conditions prescribed in section 474: *Provided*, That the terms "medicines" and "anesthetic agents" shall not be construed to mean poisons: *Provided further*, That the article mailed bears the label or superscription of the manufacturer thereof, or dealer therein, or of the licensed physician, surgeon, dentist, or veterinarian preparing or prescribing the same.

From the foregoing it will be seen that *carbolic acid is not admissible to the mails under any conditions*, and it is desired that all employees be very careful to comply with the Postal Laws and Regulations in forwarding materials through the mails.

CLASSIFICATION OF EXPENSES INCIDENTAL TO FOOT-AND-MOUTH DISEASE WORK.

All expenses incurred in connection with the eradication of foot-and-mouth disease should be charged against project symbol 3 K 12. When preparing T–15 and other reports of this kind, care should be taken not to confuse such expenses with those heretofore charged against supervising interstate transportation of live stock, project symbol 3 K 2. In case of doubt as to what particular project an expense is properly chargeable against, the matter should be brought to the attention of the Washington office for instructions.

REIMBURSEMENT OF EXPENSES FOR OFFICIAL TELEGRAMS.

Where the bureau work is conducted in cooperation with other departments and it is necessary to use the telegraph for this purpose, such expenses will be reimbursed employees if the messages are sent them "collect." A notation should be entered on the message by the sender to show that it is official business of this department, as reimbursement therefor will be made at the regular Government rates. An example of this kind would be where a representative of the customs service sends a message to a bureau inspector advising the latter relative to the probable time of arrival of a consignment of imported meats.

PUBLICATIONS IN DECEMBER.

[The Bureau keeps no mailing list for sending publications to individual employees, but publications are sent in bulk to inspectors in charge for distribution to members of their forces. The number of copies varies with the subject or nature of the publication and the number and class of employees. For example, in the case of a publication on a veterinary subject, sufficient copies are sent for the veterinarians. Inspectors in charge will use their judgment and distribute publications to best advantage. Additional copies will be furnished on request so far as possible.]

Farmers' Bulletin 639. Eradication of the Cattle Tick Necessary for Profitable Dairying. By J. H. McClain, of the Dairy Division. Pp. 4, figs. 2.

Studies in the Expansion of Milk and Cream. By H. W. Bearce. Pp. 251–258. (Reprint from Journal of Agricultural Research.)

Coloring Matter of Raw and Cooked Salted Meats. By Ralph Hoagland. Pp. 211–225, pls. 2. (Reprint from Journal of Agricultural Research.)

Do You Keep a Cow? Pp. 4. (Special Circular, Office of the Secretary.)

The Feeding and Care of Dairy Calves. Pp. 4. (Special Circular, Office of the Secretary.)

Marketing Butter and Cream in the South. Pp. 4. (Special Circular, Office of the Secretary.)

Shall Southern Farmers Build Creameries? Pp. 4. (Special Circular, Office of the Secretary.)

Conveniences for Handling the Farm Cow and Her Products. Pp. 6, figs. 6. (Special Circular, Office of the Secretary.)

The Production and Care of Milk and Cream. Pp. 4. (Special Circular, Office of the Secretary.)

Making Farm Butter in the South. Pp. 4. (Special Circular, Office of the Secretary.)

Feeding the Farm Cow in the South. Pp. 4. (Special Circular, Office of the Secretary.)

Advantages of Dairying in the South. Pp. 4. (Special Circular, Office of the Secretary.)

Amendment 3 to B. A. I. Order 230. To prevent the Spread of Foot-and-mouth Disease in Cattle, Sheep, Other Ruminants, and Swine. (Extends the quarantine to include the counties of Hillsboro and Rockingham in the State of New Hampshire.)

Amendment 4 to B. A. I. Order 230. (Permits certain shipments to and from points in certain counties in the quarantined area.)

Amendment 5 to B. A. I. Order 230. (Extends the quarantine to include the county of Cheshire in the State of New Hampshire.)

Amendment 6 to B. A. I. Order 230. (Permits certain shipments to and from points in certain counties in the quarantined area.)

Amendment 7 to B. A. I. Order 230. (Permits certain shipments to and from points in certain counties in the quarantined area.)

Amendment 8 to B. A. I. Order 230. (Permits certain shipments to and from points in certain counties in the quarantined area.)

Amendment 9 to B. A. I. Order 230. (Permits certain shipments to and from points in certain counties in the quarantined area.)

Amendment 10 to B. A. I. Order 230. (Permits certain shipments to and from points in certain counties in the quarantined area.)

Amendment 11 to B. A. I. Order 230. (Quarantines the county of Brown in the State of Wisconsin and the county of Broome in the State of New York.)

Amendment 12 to B. A. I. Order 230. (Quarantines the counties of Richland and Fallon in the State of Montana.)

Amendment 13 to B. A. I. Order 230. (Permits certain shipments to and from points in certain counties in the quarantined area.)

Amendment 14 to B. A. I. Order 230. (Removes the quarantine from certain counties in the State of Iowa.)

Amendment 15 to B. A. I. Order 230. (Quarantines the county of Saginaw, in the State of Michigan.)

Amendment 16 to B. A. I. Order 230. (Removes the quarantine from the county of Mitchell, in the State of Iowa, and modifies restrictions on other areas still in quarantine.)

Amendment 17 to B. A. I. Order 230. (Removes the quarantine from the county of Greene, in the State of Iowa, and modifies restrictions on other areas still in quarantine.)

Amendment 18 to B. A. I. Order 230. (Removes the quarantine from certain counties in the State of Kentucky and modifies restrictions on other areas still in quarantine.)

Amendment 19 to B. A. I. Order 230. (Removes the quarantine from the northern peninsula of Michigan and certain counties in Wisconsin.)

Amendment 20 to B. A. I. Order 230. (Removes the quarantine from certain counties in the State of Illinois and modifies restrictions on other areas still in quarantine.)

Amendment 21 to B. A. I. Order 230. (Removes the quarantine from certain counties in the State of Iowa and modifies restrictions on other areas still in quarantine.)

Amendment 22 to B. A. I. Order 230. (Quarantines the counties of Dodge and Washington, in the State of Wisconsin, and modifies restrictions on other areas still in quarantine.)

B. A. I. Order 231. To Prevent the Spread of Foot-and-mouth Disease in Cattle, Sheep, Other Ruminants, and Swine. (Supersedes B. A. I. Order 230 and all amendments thereto.)

TWENTY-EIGHTH ANNUAL REPORT OF THE BUREAU.

Some extra copies of the Twenty-eighth Annual Report of the Bureau of Animal Industry for 1911 remain on hand and will be distributed to bureau employees who have not already received this report and who request it. This is a volume of 356 pages, with numerous illustrations, and containing a number of special articles relating to the bureau's work and allied subjects. This series of reports has been discontinued and the volume for 1911 is the last.

ORGANIZATION OF THE BUREAU OF ANIMAL INDUSTRY.

Chief: A. D. Melvin.
Assistant Chief: John R. Mohler.
Chief Clerk: Charles C. Carroll.
Animal Husbandry Division: George M. Rommel, chief.
Biochemic Division: M. Dorset, chief.
Dairy Division: B. H. Rawl, chief.
Field Inspection Division: R. A. Ramsay, chief.
Meat Inspection Division: R. P. Steddom, chief.
Miscellaneous Division: A. M. Farrington, chief.
Pathological Division: A. R. Ward, chief.
Quarantine Division: Richard W. Hickman, chief.
Zoological Division: B. H. Ransom, chief.
Experiment Station: E. C. Schroeder, superintendent.
Editor: James M. Pickens.
Office of Accounts: E. J. Newmyer, in charge.
Appointment Section: Irving W. Pew, in charge.

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